

LSI LOGIC

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**LSI LOGIC CORPORATION**  
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**From:** **Name:** Manu Kashyap, Intellectual Property Paralegal  
Corporate Legal Dept.  
**Telephone:** (408) 433-7475  
**Fax:** (408) 433-7460  
**Re:** 10/624,253

Number of Pages Including this Page 5

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**MESSAGE:**

**US Serial No.: 10/624,253**  
**Filing Date: July 22, 2003**  
**Group Art Unit: 2631**  
**Docket No: 03-0781**  
**Examiner:**  
**Filing of IDS**

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PTO/SB/21 (12/97)  
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<b>TRANSMITTAL FORM</b> (to be used for all correspondence after initial filing)	Application Number	10/624,253	
	Filing Date	July-22, 2003	
	First Named Inventor	Lowell Winger	
	Group Art Unit	2631	
	Examiner Name		
Total number of pages in this submission	4	Attorney Docket Number	1496.00317 / 03-0781
<b>ENCLOSURES (check all that apply)</b>			
<input type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Assignment Papers	<input type="checkbox"/> After Allowance Communication to Group	<b>1. Return address postcard for PTO mailroom to date stamp.</b>
<input type="checkbox"/> Fee Attached	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> Appeal Communication to Board of Appeals and	
<input type="checkbox"/> Amendment/Response	<input type="checkbox"/> Licensing-related Paper	<input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)	
<input type="checkbox"/> After Final	<input type="checkbox"/> Petition Routing Slip (PTO/SB/69) and Accompanying Petition	<input type="checkbox"/> Proprietary Information	
<input type="checkbox"/> Affidavits(s)/declaration(s)	<input type="checkbox"/> To Convert a Provisional Application	<input type="checkbox"/> Status Letter	
<input type="checkbox"/> Extension of time request	<input type="checkbox"/> Power of Attorney, Change of Correspondence Address	<input checked="" type="checkbox"/> Additional Enclosure(s) (please identify below):	
<input type="checkbox"/> Express Abandonment Request	<input type="checkbox"/> Terminal Disclaimer		
<input checked="" type="checkbox"/> Information Disclosure Statement	<input type="checkbox"/> Small Entity Statement		
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<input type="checkbox"/> Response to Missing Parts/Incomplete Application	Remarks		
<input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53			
<b>SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT</b>			
Individual Name	Henry Groth, Reg. No. 39,696, Phone: [+1] 408-433-7475		
Signature			
Date	4/6/2005		
<b>CERTIFICATE OF MAILING</b>			
I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope to: Assistant Commissioner for Patents, Washington, D.C. 20231 on this date: <u>April 6, 2005</u>			
Typed or printed name	Manu Kashyap, Phone: [+1] 408-433-7475		
Signature			Date: <u>4/6/05</u>

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**TOTAL AMOUNT OF PAYMENT**

(\$)

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**Complete if Known**

Application Number	10/624,253
Filing Date	July-22, 2003
First Named Inventor	Lowell Winger
Group Art Unit	2631
Examiner Name	
Attorney Docket No.	1496.00317 / 03-0781

**METHOD OF PAYMENT (check one)**

1. ☒ The Commissioner is hereby authorized to charge indicated fees and credit any over payment to:

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**FEE CALCULATION****1. BASIC FILING FEE**

Larg eFee Code	Entit yFee (\$)	Larg eFee Code	Entit yFee (\$)	Fee Description	Fee Paid
101	790	201	395	Utility filing fee	
106	330	208	165	Design filing fee	
107	540	207	270	Plant filing fee	
108	790	208	395	Reissue filing fee	
114	150	214	75	Provisional Filing fee	

**SUBTOTAL (1) (\$)** 0.00**2. EXTRA CLAIM FEES**

Extra Claim	Fee from below	Fee Paid
Total claim <input type="text"/> -20**= <input type="text"/>	<input type="text"/>	= <input type="text"/>
Independent Claims <input type="text"/> -3**= <input type="text"/>	<input type="text"/>	= <input type="text"/>
Multiple Dependent <input type="text"/>	<input type="text"/>	= <input type="text"/>

\*\*or number previously paid, if greater; For Reissues, see below

Larg eFee Code	Entit yFee (\$)	Larg eFee Code	Entit yFee (\$)	Fee Description	Fee Paid
103	22	203	11	Claims in excess of 20	
102	82	202	41	Independent claims in excess of 3	
104	270	204	135	Multiple dependent claim, if not paid	
109	82	209	41	**Reissue independent claims over original patent	
110	22	210	11	**Reissue claims in excess of 20 and over original patent	

**SUBTOTAL (2) (\$)** 0.00**FEE CALCULATION (continued)****3. ADDITIONAL FEES**

Larg eFee Code	Entit yFee (\$)	Larg eFee Code	Entit yFee (\$)	Fee Description	Fee Paid
105	130	205	65	Surcharge - late filing fee or oath	
127	50	227	25	Surcharge - late provisional filing fee or cover sheet	
139	130	139	130	Non-English specification	
147	2,520	147	2,520	For filing request for reexamination	
112	920*	112	920	Requesting publication of SIR prior to Examiner action	
113	1,840*	113	1,840*	Requesting publication of SIR after Examiner action	
115	110	215	55	Extension for reply within first month	
116	400	216	200	Extension for reply within second month	
117	950	217	475	Extension for reply within third month	
118	1510	218	755	Extension for reply within fourth month	
128	2,060	228	1,030	Extension for reply within fifth month	
119	310	219	155	Notice of Appeal	
120	310	220	155	Filing a brief in support of an appeal	
121	270	221	135	Request for oral hearing	
138	1,510	138	1,510	Petition to institute a public use proceeding	
140	110	240	55	Petition to revive - unavoidable	
141	1,320	241	660	Petition to revive - unintentional	
142	1,320	242	660	Utility issue fee (or reissue)	
143	450	243	225	Design issue fee	
144	670	244	335	Plant issue fee	
122	130	122	130	Petitions to the Commissioner	
123	50	123	50	Petitions related to provisional application	
126	240	126	240	Submission of Information Disclosure Statement	0
581	40	581	40	Recording each patent assignment per property (times number of properties)	
148	790	248	395	Filing a submission after final rejection (37 CFR 1.129)	
149	790	249	395	For each additional invention to be examined (37 CFR 1.129 (b))	
Other fee (specify) _____					
Other fee (specify) _____					

\*Reduced by Basic Filing Fee Paid

**SUBTOTAL (3) (\$)** 0**SUBMITTED BY**

Typed or printed name

Henry Groth

Signature

*Henry Groth*

Date

4/6/2005

Reg. Number

39,696

Deposit Account User ID

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

**In re Application of :**

Lowell Winger et. al.

Serial No. : 10/624,253

**Filed :** July 22, 2003

**For :** Method and/or Circuit for Binary Arithmetic Decoding Decisions before Termination

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**Group Art Unit:** 2631

APR 06 2005

**Examiner :**

**Atty Docket :** 1496.00317 / 03-0781

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**Manu Kashyap**

4/6/05

Manu Kashyap  
Signature

## INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents  
P. O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir,

The references listed in the attached form, copies of which are attached, may be material to examination of above-identified application. Applicants submit these references in compliance with their duty of disclosure pursuant to 37 CFR 1.56 and 1.97.

It is requested that the information disclosed herein be made of record in the application.

This Information Disclosure Statement is not to be construed as a representation that a search has been made, that additional information material to the examination of this application does not exist, or that these references indeed constitute prior art.

If it is determined that any additional fees are due, the Commissioner is hereby authorized to charge such fees to Deposit Account 12-2252.

LSI Logic Corporation  
1621 Barber Lane, MS.D-106  
Milpitas, CA 95035  
408-433-7475

Date: 4/6/2005

Respectfully submitted,

Henry G. D.

Henry Groth

Reg. No. 39,696



PTO/SB/08A (10-95)

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| <b>INFORMATION DISCLOSURE<br/>STATEMENT BY APPLICANT</b> |   |    |   | <i>Complete if Known</i> |                      |
|                                                          |   |    |   | Application Number       | 10/624,253           |
|                                                          |   |    |   | Filing Date              | July-22, 2003        |
|                                                          |   |    |   | First Named Inventor     | Lowell Winger        |
|                                                          |   |    |   | Group Art Unit           | 2631                 |
|                                                          |   |    |   | Examiner Name            |                      |
| Sheet                                                    | 1 | of | 1 | Attorney Docket No.      | 1496.00317 / 03-0781 |

| U.S. PATENT DOCUMENTS |             |                      |                         |                                                    |                                                        |                                                                                 |
|-----------------------|-------------|----------------------|-------------------------|----------------------------------------------------|--------------------------------------------------------|---------------------------------------------------------------------------------|
| Examiner<br>Initials  | Cite<br>No. | U.S. Patent Document |                         | Name of Patentee or<br>Applicant of Cited Document | Date of Publication<br>of Cited Document<br>MM-DD-YYYY | Pages, Columns, Lines,<br>Where Relevant Passages<br>or Relevant Figures Appear |
|                       |             | Number               | Kind Code<br>(if known) |                                                    |                                                        |                                                                                 |
|                       |             | 2004-02633           |                         | Pearson et al.                                     | 12-30-2004                                             |                                                                                 |
|                       |             | 2004-00852           |                         | Linzner et al.                                     | 05-06-2004                                             |                                                                                 |

|                       |  |                    |  |
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| Examiner<br>signature |  | Date<br>considered |  |
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